

Attorney Docket No.: KUZ0028US.NP
Inventors: Tateishi et al.
Serial No.: Not yet assigned
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Page 3

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 1 (original): An adhesive patch having a pressure-sensitive adhesive layer comprising bisoprolol and/or a pharmaceutically acceptable salt thereof, wherein the composition of pressure-sensitive adhesive layer contains an acrylic polymer obtained by copolymerizing a (meth)acrylic ester with a (meth)acrylic acid comprising a carboxyl group.

Claim 2 (original): The adhesive patch according to claim 1, wherein the acrylic polymer contains substantially no alcoholic hydroxyl group in molecules.

Claim 3 (currently amended): The adhesive patch according to ~~claims 1 or 2~~ claim 1, wherein the (meth)acrylic ester constituting the acrylic polymer is 2-ethylhexyl acrylate.

Claim 4 (currently amended): The adhesive patch according to ~~any one of claims 1 to 3~~ claim 1, wherein the

Attorney Docket No.: KUZ0028US.NP
Inventors: Tateishi et al.
Serial No.: Not yet assigned
Filing Date: Herewith
Page 4

acrylic polymer is a 2-ethylhexyl acrylate·vinyl acetate·acrylic acid copolymer.

Claim 5 (currently amended): The adhesive patch according to ~~any one of claims 1 to 4~~ claim 1, wherein the composition of the pressure-sensitive adhesive layer contains further an elastmeric polymer.

Claim 6 (original): The adhesive patch according to claim 5, wherein the elastmeric polymer is at least one kind selected from a group consisting of styrene-isoprene-styrene block copolymer, polyisobutylene, isoprene rubber, styrene-butadine-styrene block copolymer, styrene-butadine rubber and silicone rubber.

Claim 7 (currently amended): The adhesive patch according to ~~any one of claims 1 to 6~~ claim 1, wherein the percutaneous absorption promoter is at least one kind selected from a group consisting of lauryl alcohol, myristyl alcohol, oleyl alcohol, isostearyl alcohol, diethyl sebacate, lauric diethanolamide, isopropyl myristate, glycerol monocaprates, glycerol monolaurate, glycerol monooleate, sorbitan monolaurate, propylene glycol

Attorney Docket No.: KUZ0028US.NP
Inventors: Tateishi et al.
Serial No.: Not yet assigned
Filing Date: Herewith
Page 5

monolaurate, polyoxyethylene lauryl ether, pyrothiodecane,
an organic acid and a pharmaceutically acceptable salt
thereof.

Claim 8 (original): The adhesive patch according to
claim 7, wherein the organic acid and/or the
pharmaceutically acceptable salt thereof are at least one
kind selected from a group consisting of acetic acid,
propionic acid, lactic acid, salicylic acid and
pharmaceutically acceptable salts thereof.

Claim 9 (original): The adhesive patch according to
claim 7, wherein the percutaneous absorption promoter is
isopropyl myristate.

Claim 10 (original): The adhesive patch according to
claim 9, wherein it contains further sodium acetate as the
percutaneous absorption promoter.

Claim 11 (currently amended): The adhesive patch
according to ~~any one of claims 1 to 10~~ claim 1, wherein the
drug is bisoprolol hemifumarate.

Attorney Docket No.: KUZ0028US.NP
Inventors: Tateishi et al.
Serial No.: Not yet assigned
Filing Date: Herewith
Page 6

Claim 12 (currently amended): The adhesive patch according to ~~any one of claims 1 to 11~~ claim 1, wherein the penetration rate of bisoprolol through the skin is 3-300 $\mu\text{g}/\text{h}\cdot\text{cm}^2$.